PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

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UTILITY		ey Docket No.	K2291.0108							
		First Inventor		Hiroshi Terasaki						
PATENT APPLICATION TRANSMITTAL	Title			STEM AND METHOD OF REAL- DIA STREAMS						
(Only for new nonprovisional applications under 37 CFR 1.53(b))	s Mail Label No.				464					
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450								
Prior application information: Examiner	and supply inder 37 (cin-part (C	8. Nucleotide ar (if applicable, a. Compute i. Compute i. Compute ii. Compute ii. Compute ii. Compute ii. Compute ii. Compute ii. Compute iii. Compu	or CD-R in duper Program (App. Indoor Amino Acid all necessary) uter Readable From Sequence List CD-ROM or CD ments verifying it DMPANYING ent Papers (cov. 3.73(b) Statemeere is an assign franslation Docton Disclosure and (IDS)/PTO-14 any Amendment eccipt Postcard the specifically the Copy of Priority oriority is claimed) to Claim for Priority and the composition Request must attach for Claim for Priority and the composition of	oblicate, la pendix) Id Sequent form (CRI sting on: 0-R (2 coperation) of the sting on: 0-R (2 coperation) of the sting on: 0-R (2 coperation) of the sting of th	rge table or ce Submission F) Dies); or ii. Pape above copies ATION PARTS & document(s)) Power of Attorney applicable) Copies of IDS Citations 103) nt(s) U.S.C. 122 (b)(2)(B)(i). B/35 or its equivalent.	r				
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by										
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS										
Customer Number: 32172			X Corres	pondence	address below					
Name DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP										
1177 Avenue of the Americas 41st Floor										
City New York State	e NY Zip Code 10036-2714				0036-2714	\dashv				
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Name (Print/Type) Mark J. Thronson Registration No. (Attorney/Agent) 33,082										
Signature MJ		a	Date	Augu	ust 26, 2003					

PTO/SB/17 (08-03)

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		Complete if Known								
FEE TRANSMITTAL for FY 2003		Application Number Not Yet Assigned								
		Filing Date			Concurrently Herewith					
	First Named Inventor			d Inver	ntor Hiroshi Terasaki					
Effective 01/01/2003, Patent fees are subject to annual revision.	Examiner Name				Not Yet Assigned					
Applicant claims small entity status. See 37 CFR 1.27		Art Unit N/A								
TOTAL AMOUNT OF PAYMENT (\$) 1,126.00		Attorney Docket No. K2291.0108								
METHOD OF PAYMENT (check all that apply)	一		FEE CALCULATION (continued)							
Credit Money										
Check X Card Money Order Other None X Deposit Account:	3. ADDITIONAL FEES									
Deposit Account Number 50-2215	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description Fee Paid					
Deposit Dickstein Shapiro Morin &	1051	130	2051	65	Surcharge – late filing fee or oath					
Account Name Oshinsky LLP					Surcharge – late provisional filing fee or cover					
The Director is authorized to: (check all that apply)	1052	50	2052	25	sheet.					
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification					
Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a request for ex parte reexamination					
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action					
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after					
FEE CALCULATION	1251	110	2251	55	Examiner action Extension for reply within first month					
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month					
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month					
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month					
1001 750 2001 375 Utility filing fee 750.00	1255	1,970	2255	985	Extension for reply within fifth month					
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal					
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal					
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing					
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding					
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to revive – unavoidable					
	1453	1,300	2453	650	Petition to revive - unintentional					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from	1501	1,300	2501	650	Utility issue fee (or reissue)					
Claims below Fee Paid	1502	470	2502	235	Design issue fee					
Total Claims 18 -20** = x = 0.00	1503	630	2503		Plant issue fee					
Claims 7 -3** = 4 x 84.00 = 336.00	1460	130	1460	130	Petitions to the Commissioner					
Multiple Dependent	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)					
Large Entity Small Entity Fee Fee Fee Fee	1806	180	1806		Submission of Information Disclosure Stmt					
Code (\$) Code (\$) Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties) 40.00					
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))					
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim if not paid	1810	750	2810		For each additional invention to be					
1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 ** Reissue independent claims	1801	750			examined (37CFR 1.129(b))					
over original patent			2801		Request for Continued Examination (RCE) Request for expedited examination					
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 Othor f	900		of a design application						
		ee (spec	• •							
SUBTOTAL (2) (\$) 336.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00										
SUBMITTED BY (Complete (if applicable))										
Name (Print/Type) Mark Thronson	Registration No.				Telephone (212) 896-5470					
	Attorne	y/Agent)	133	,002						
Signature 2	-	_			Date August 26, 2003					